Safety Attribute Inspection (SAI) Data Collection Tool 7.1.2 Chief Inspector (AW)

ELEMENT SUMMARY INFORMATION

Purpose of This Element (Certificate Holder's responsibility):

• To ensure the Certificate Holder's manual contains the qualifications, duties, responsibilities and the authority necessary so that the individual serving as the Chief Inspector (or equivalent) may discharge those duties in a manner that ensures the highest degree of safety in the Certificate Holder's operations.

Objective (FAA oversight responsibility):

- To determine if the Certificate Holder's Chief Inspector position meets all applicable CFR regulatory requirements and FAA policy / guidance material.
- To determine if the Certificate Holder's Chief Inspector position incorporates the System Safety Attributes.
- To identify any shortfalls in the Certificate Holder's Chief Inspector position.

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirement(s) (SRRs):

- SRRs:
 - 119.39(b)(3)
 - 119.65(a)(5)
 - 119.65(b)
- 119.65(c)
- 119.65(d)(1)
- 119.65(d)(2)
- 119.65(d)(2)(i)
- 119.65(d)(2)(ii)
- 119.65(d)(2)(iii)
- 119.65(d)(2)(iv)
- 119.65(d)(2)(v)
- 119.65(d)(3)
- 119.65(e)(1)
- 119.65(e)(2)
- 119.65(e)(3)
- 119.67(d)(1)
- 119.67(d)(2)
- 119.67(d)(3)

121.135(a)(1) 121.135(b)(1)

121.135(b)(3)

A006 Management Personnel

Related CFR(s) & FAA Policy/Guidance:

- Related CFRs:
- FAA Policy/Guidance:

SAI SECTION 1 – PROCEDURES ATTRIBUTE

Objective: Procedures, instructions and information contained in Certificate Holder's manual are documented methods for accomplishing a process. Policies contained in the Certificate Holder's manual should establish the Certificate Holder's compliance posture. Policies may not be stand—alone statements but may be imbedded within procedures, instructions or information regarding a particular regulatory requirement. The questions in this section of the data collection tool are designed to assist the inspector in determining if the Certificate Holder's manual has documented or prescribed methods of accomplishing the process requirements that provide answers to the associated who, what, when, where and how type questions. This section of the data collection tool contains policy questions, procedural questions and instructional or informational questions pertaining to various types of Certificate Holder requirements such as actions, prohibitions or resources (i.e., personnel, facilities, equipment, technical data, etc.).

Tasks

To meet this objective, the inspector must accomplish the following tasks:

- 1 Review the information listed in the Supplemental Information section of this data collection tool.
- 2 Review the Certificate Holder's manual for policies, duties, responsibilities and the authority of the Chief Inspector (or equivalent) to ensure that they contain information on who, what, when, where and how (as appropriate).

Questions

To meet this objective, the inspector must answer the following questions:

- 1. Does the Certificate Holder's manual state the qualifications, duties, responsibilities and authority of the Chief Inspector (or equivalent) (see below):
- 1.1 Does the Certificate Holder's manual contain a general policy on staffing the Chief Inspector (or equivalent) position, that complies with the specific regulatory requirements?

SRRs: 119.65(a)(5); 119.65(c); 121.135(b)(1); A006 Management

Personnel; 119.39(b)(3); 119.65(b)

Related Design JTIs:

 Check that the certificate holder's manual contains a general policy that a qualified person will serve full time in the position or equivalent position of CI.

Sources: 119.65(a)(5); 121.135(b)(1); 119.65(b)

- Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op
- Check that the certificate holder's manual contains a general policy that a person being consider to serve full time in the position or equivalent position of CI who exercised control over or who held the same or a similar position with a certificate holder whose certificate was revoked, or is in the process of being revoked, and that individual materially contributed to the circumstances causing revocation or causing the revocation process, the applicant may not be nominated for key management positions.

Sources: 119.39(b)(3); 121.135(b)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op

 Check that the certificate holder's manual contains a general policy that the CI will be listed by title on paragraph A006 of the operations

☐ Yes ☐ No, E

☐ No, Explain

specifications. Sources: 119.65(c); 121.135(b)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op	
1.2 Does the Certificate Holder's manual refer to the regulatory requirement listed in the Supplemental Information section of this SAI? SRRs: 121.135(b)(3)	Yes No, Explain
 1.3 Does the Certificate Holder's manual state, in its general policy provisions, the duties of the Chief Inspector (or equivalent) position? SRRs: 119.65(e)(1) Related Design JTIs: Check that the certificate holder's manual includes instructions and information specifying how CI will fulfill his/her duties, responsibilities and authority. Sources: 119.65(e)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
 1.4 Does the Certificate Holder's manual state, in its general policy provisions, the responsibilities of the Chief Inspector (or equivalent) position? SRRs: 119.65(e)(1) Related Design JTIs: Check that the certificate holder's manual includes instructions and information specifying how CI will fulfill his/her duties, responsibilities and authority. Sources: 119.65(e)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
 1.5 Does the Certificate Holder's manual state, in its general policy provisions, the authority of the Chief Inspector (or equivalent) position? SRRs: 119.65(e)(1) Related Design JTIs: Check that the certificate holder's manual includes instructions and information specifying how CI will fulfill his/her duties, responsibilities and authority. Sources: 119.65(e)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.6 Does the Certificate Holder's manual include instructions and informatio for personnel to meet the requirements of this element? SRRs: 121.135(a)(1)	Yes No, Explain
 1.7 Does the Certificate Holder's manual identify the training requirements for Chief Inspector (or equivalent) position? SRRs: 119.65(d)(1) Related Design JTIs: Check that the certificate holder's manual includes instructions and information on how the CI will be qualified through training, experience and expertise. 	□ No, Explain

Sources: 119.65(d)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op	
Does the Certificate Holder's manual identify the experience requirements for Chief Inspector (or equivalent)? SRRs: 119.65(d)(1)	
 Related Design JTIs: Check that the certificate holder's manual includes instructions and information on how the CI will be qualified through training, experience and expertise. Sources: 119.65(d)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.9 Does the Certificate Holder's manual identify the expertise requirement for Chief Inspector (or equivalent)? SRRs: 119.65(d)(1)	ts
 Related Design JTIs: Check that the certificate holder's manual includes instructions and information on how the CI will be qualified through training, experience and expertise. Sources: 119.65(d)(1); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.10 Do the qualifications contained in the Certificate Holder's manual requi Inspector (or equivalent) to:	ire the Chief
1.10.1 Hold a mechanic certificate with airframe and powerplant ratings and held these ratings for at least 3 years?	I
SRRs: 119.67(d)(1); 121.135(b)(1)	
 SRRs: 119.67(d)(1); 121.135(b)(1) Related Design JTIs: Check that the certificate holder's manual contains a general policy that the Chief Inspector holds a mechanic certificate with both airframe and powerplant ratings, and have held these ratings for at least 3 years. Sources: 119.67(d)(1); 121.135(b)(1) Interfaces: 1.3.14-aw 	i No, Explain
 Related Design JTIs: Check that the certificate holder's manual contains a general policy that the Chief Inspector holds a mechanic certificate with both airframe and powerplant ratings, and have held these ratings for at least 3 years. Sources: 119.67(d)(1); 121.135(b)(1) 	y □ No, Explain
 Related Design JTIs: Check that the certificate holder's manual contains a general policy that the Chief Inspector holds a mechanic certificate with both airframe and powerplant ratings, and have held these ratings for at least 3 years. Sources: 119.67(d)(1); 121.135(b)(1) Interfaces: 1.3.14-aw 1.10.2 Have 1 year of experience in a supervisory capacity maintaining the same category and class of aircraft as the certificate holder uses? 	No, Explain

119.67(d)(3)? SRRs: 119.67(d)(3); 121.135(b)(1)	☐ No, Explain
 Related Design JTIs: Check that the certificate holder's manual contains a general policy that the CI has at least 1-year experience in a supervisory capacity maintaining the same category and class of aircraft as the certificate holder uses. Sources: 121.135(b)(1); 119.67(d)(3) Interfaces: 1.3.14-aw 	
1.11 Does the Certificate Holder's manual state the Chief Inspector (or equiva full understanding of the following materials: SRRs: 119.65(d)(2)	lent) will have a
 Related Design JTIs: Check that the certificate holder's manual includes instructions, inform guidelines stating how they will ensure the CI has a full understanding required by part § 121.133. Sources: 119.65(d)(2)(v); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op; 2.1.2-aw; 2.1.2-op; 2.1.3-2.1.4-aw; 2.1.4-op; 2.1.5-aw; 2.1.5-op 	of the manuals
1.11.1 Aviation safety standards and safe operating practices? SRRs: 119.65(d)(2)(i)	
 Related Design JTIs: Check that the certificate holder's manual includes instructions and information to ensure that the CI has a full understanding of aviation safety standards and safe operating practices. Sources: 119.65(d)(2)(i); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op; 7.2.1-op 	☐ Yes ☐ No, Explain
1.11.2 14 CFR (Code of Federal Regulations) Chapter I (Federal Aviation regulations)? SRRs: 119.65(d)(2)(ii)	
 Related Design JTIs: Check that the certificate holder's manual includes instructions and information to ensure that the CI has a full understanding of the FARs. Sources: 119.65(d)(2)(ii); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.11.3 The Certificate Holder's operations specifications? SRRs: 119.65(d)(2)(iii)	
 Related Design JTIs: Check that the certificate holder's manual includes instructions and information to ensure that the CI has a full understanding of their operations specifications. Sources: 119.65(d)(2)(iii); 121.135(a)(1) Interfaces: 1.3.14-aw: 2.1.1-aw: 2.1.1-op 	☐ Yes ☐ No, Explain

 1.11.4 All appropriate maintenance and airworthiness requirements of 14 CFR (e.g., parts 1, 21, 23, 25, 43, 45, 47, 65, 91, and 121); SRRs: 119.65(d)(2)(iv) Related Design JTIs: Check that the certificate holder's manual includes instructions and information to ensure that the CI has a full understanding of all the appropriate maintenance and airworthiness requirements contained in the FARs. (E.g., parts § 21, 23, 25, 43, 45, 47, 65, 91, and 121). Sources: 119.65(d)(2)(iv); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.11.5 The Certificate Holder's manual required by 14 CFR Part 121.133? SRRs: 119.65(d)(2)(v) **Related Design JTIs: ** Check that the certificate holder's manual includes instructions, information and guidelines stating how they will ensure the CI has a full understanding of the manuals required by part § 121.133. **Sources: 119.65(d)(2)(v); 121.135(a)(1) **Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op; 2.1.2-aw; 2.1.2-op; 2.1.3-aw; 2.1.3-op; 2.1.4-aw; 2.1.4-op; 2.1.5-aw; 2.1.5-op	☐ Yes ☐ No, Explain
 1.12 Does the Certificate Holder's manual state that the Chief Inspector (or equivalent) must discharge their duties to meet the applicable legal requirements and to maintain safe operations? SRRs: 119.65(d)(3) Related Design JTIs: Check that the certificate holder's manual includes instructions and information specifying how the CI will perform their duties to meet applicable legal requirements and maintain safe operations. Sources: 119.65(d)(3); 121.135(a)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
 1.13 Does the Certificate Holder's manual contain the name and business address for the Chief Inspector (or equivalent)? SRRs: 119.65(e)(2) Related Design JTIs: Check that the certificate holder's manual contains a general policy that the name and business address of the CI will be listed in their manual. Sources: 119.65(e)(2); 121.135(b)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op 	☐ Yes ☐ No, Explain
1.14 Does the Certificate Holder's manual direct the appropriate management personnel to notify the certificate-holding district office within 10 days of any change to or the vacancy of the Chief Inspector (or equivalent) position? SRRs: 119.65(e)(3)	☐ Yes ☐ No, Explain

Related Design JTIs:

• Check that the certificate holder's manual contains a general policy how to notify the certificate holding district office within 10 days of a change in personnel or a vacancy in the CI position.

Sources: 119.65(e)(3); 121.135(b)(1) Interfaces: 1.3.14-aw; 2.1.1-aw; 2.1.1-op

SAI SECTION 1 – PROCEDURES ATTRIBUTE –Drop Down Menu

- 1. No procedures, policy, instructions or information specified.
- 2. Procedures or instructions and information do not identify (who, what, when, where, how).
- 3. Procedures, policy or instructions and information do not comply with CFR.
- 4. Procedures, policy or instructions and information do not comply with FAA policy and guidance.
- 5. Procedures, policy or instructions and information do not comply with other documentation (e.g., manufacturer's data, Jeppesen's Charts, etc.).
- 6. Procedures, policy or instructions and information unclear or incomplete.
- 7. Documentation quality (e.g., unreadable or illegible).
- 8. Procedures, policy or instructions and information inconsistent across Certificate Holder manuals (FOM Flight Operations Manual to GMM General Maintenance Manual, etc.).
- 9. Procedures, policy or instructions and information inconsistent across media (e.g., paper, microfiche, electronic).
- 10. Resource requirements incomplete (personnel, facilities, equipment, technical data).
- 11. Other.

SAI SECTION 2 - CONTROLS ATTRIBUTE

Objective: Controls are checks and restraints designed into a process to ensure a desired result. The questions in this section of the data collection tool are designed to assist the inspector in determining if checks and restraints are designed into the process to ensure the desired result is achieved. Controls should be written into the manual system to ensure that the most important manual policies, procedures or instructions and information will be complied with.

Controls may be in the form of "administrative controls" which are secondary or supplemental written procedures. Like written procedures, administrative controls also need to provide answers to the associated who, what, when, where and how type questions. Controls may also be in the form of "engineered controls" such as automated features or mechanical actions or devices (i.e., safety devices, warning devices, etc.).

aone	his of devices (i.e., safety devices, warring devices, etc.).	
Tasi	ks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Review the control questions below.	
2	Review the Certificate Holder's policies, duties, responsibilities and the au Chief Inspector, (or equivalent) position	thority of the
Que	stions	
	To meet this objective, the inspector must answer the following questions:	
2.	Are the following controls established for the Chief Inspector (or equivalen	t):
2.1	Is there a control in place to ensure that the Chief Inspector (or equivalent) position is occupied?	☐ Yes ☐ No, Explain
2.2	Is there a control in place to ensure that the Chief Inspector (or equivalent) meets the qualifications as stated in 14 CFR Sections 119.65, 119.67 and in the Certificate Holder's manual?	☐ Yes ☐ No, Explain
2.3	Is there a control in place to ensure the Chief Inspector (or equivalent) performs the duties of the position full time, without the burden of additional job assignments?	☐ Yes ☐ No, Explain
2.4	Does the Certificate Holder have a documented method for assessing the impact of any changes made to the controls for the Chief Inspector (or equivalent) position?	☐ Yes ☐ No, Explain

7. Other.

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SAI SECTION 2 – CONTROLS ATTRIBUTE
-Drop Down Menu
210/2 20111 1110113
1. No controls specified.
1. No controls specified.
2. Documentation for the controls do not identify (who, what, when, where, how).
3. Controls incomplete.
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4. Controls could be circumvented.
5. Controls could be unenforceable.
5. Controls could be unemorecable.
6. Resource requirements incomplete (personnel, facilities, equipment, technical data).

SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE

Objective: Process measurements are used by the Certificate Holder to measure and assess its processes to identify and correct problems or potential problems and to make improvements to the processes. The questions in this section of the data collection tool are designed to assist the inspector in determining if the Certificate Holder measures or assesses information to identify, analyze and document potential problems with the process. Process measurements are basically a Certificate Holder's internal evaluation or auditing of the most important policies, procedures or instructions and information associated with an element.

To prevent the duplication of work that would otherwise occur, Process Measurements are most commonly addressed through a combination of auditing features contained in both the Certificate Holder's Safety Program/Internal Evaluation Program (for Operations and Cabin Safety related issues) and the auditing function of the Continuous Analysis &Surveillance System (for Airworthiness or Maintenance/Inspection related issues). The Director of Safety and the Quality Assurance Department often work in conjunction to accomplish this function for the Certificate Holder. This approach simply requires amendment of the Safety Program/Internal Evaluation Program audit forms or checklists and the Continuous Analysis &Surveillance System audit forms or checklists to include the specific process measurements for each element.

Tas	ks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Review the process measurement questions below.	
2	Review the Certificate Holder's policies, duties, responsibilities and the au Chief Inspector, (or equivalent) position.	thority of the
Questions		
	To meet this objective, the inspector must answer the following questions:	
3.	Does the Certificate Holder's manual include the following process measu the Chief Inspector (or equivalent):	rements for
3.1	Process measurements that would reveal when the Certificate Holder does not fill the Chief Inspector (or equivalent) position?	☐ Yes ☐ No, Explain
3.2	Process measurements that would reveal when the Certificate Holder assigned an individual as the Chief Inspector (or equivalent) who did not meet the Qualifications as stated in 14 CFR Sections 119.65, 119.67 and the Certificate Holder's Manual?	☐ Yes ☐ No, Explain
3.3	Process measurements that would reveal when the Certificate Holder failed to insure that the Chief Inspector (as appropriate) satisfactorily fulfilled the duties of the position, full time, without being burdened with additional job assignments?	☐ Yes ☐ No, Explain

SAI SECTION 3 – PROCESS MEASUREMENT ATTRIBUTE -Drop Down Menu

- 1. No process measurements specified.
- 2. Documentation for the process measurements does not identify (who, what, when, where, how).
- 3. Inability to identify negative findings.
- 4. No provisions for implementing corrective actions.
- 5. Ineffective follow–up to determine effectiveness of corrective actions.
- 6. Resources requirements (personnel, facilities, equipment, technical data).
- 7. Other.

SAI SECTION 4 - INTERFACES ATTRIBUTE

Objective: Interfaces are used by the Certificate Holder to identify and manage the interactions between processes. The questions in this section of the data collection tool are designed to assist the inspector in determining whether or not interactions between the procedures, policies or instructions and information associated with other independent processes within the Certificate Holder's organization are documented. Written procedures, policies or instructions and information that are interrelated and located in different manuals within the Certificate Holder's manual system need to be consistent and complement each other. For the interfaces to be effectively managed, it is not only important to identify what the interfaces are, but it is imperative to document the specific location of the interfaces within the Certificate Holder's manual system.

	in the Certificate Holder's manual system need to be consistent and comple	
other. For the interfaces to be effectively managed, it is not only important to identify what the		
interfaces are, but it is imperative to document the specific location of the interfaces within the		
	ificate Holder's manual system.	
Tasi	ks	
	To meet this objective, the inspector must accomplish the following tasks:	
1	Review the interfaces associated with the Chief Inspector (or equivalant) t identified along with the individual questions in the Procedures Section (1) collection tool.	
2	Review the Certificate Holder's policies, duties, responsibilities and the au Chief Inspector, (or equivalent) position.	thority of the
Questions		
	To meet this objective, the inspector must answer the following questi	ons:
	NOTE: ALL EXPLANATIONS IN THE DROP DOWN MENU FOR "NO"	ANSWERS
	MUST INCLUDE THE INDIVIDUAL QUESTION NUMBER FROM THE	
	PROCEDURES SECTION (1) OF THIS DATA COLLECTION TOOL ANI	O THE
	ELEMENT NUMBER(S) OF THE INTERFACE(S) THAT WERE NOT AI	DRESSED.
4.	Does the Certificate Holder's manual system (see 4.1 and 4.2):	
4.1	Properly address the interfaces that are identified along with the individual questions in the Procedures Section (1)?	☐ Yes ☐ No, Explain
4.2	Document a method for assessing the impact of any changes to the associated interfaces with the Chief Inspector (or equivalent)?	☐ Yes ☐ No, Explain
4.3	Were any additional interfaces identified during the accomplishment of this SAI?	

SAI SECTION 4 – INTERFACES ATTRIBUTE –Drop Down Menu

- 1. No interfaces specified.
- 2. The following interfaces not identified within the Certificate Holder's manual system:
- 3. Interfaces listed are inaccurate.
- 4. Specific location of interfaces not identified within the manual system.
- 5. Other

SAI SECTION 5 – MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE

Objective: The questions in this section of the data collection tool address the responsibility and authority of the process. They are designed to assist the inspector in determining if there is a clearly identifiable, qualified and knowledgeable person who is responsible for the process, is answerable for the quality of the process and has the authority to establish and modify the process. (The person with the authority may or may not be the person with the responsibility.)

resp	onsibility.)	
Tasi	ks	
	To meet this objective, the inspector must accomplish the following tasks	:
1	Review the appropriate organizational chart.	
2	Record the name and title of the individual serving as the Chief Inspector (or equivalent).	
3	Review the duties and responsibilities for the Chief Inspector (or equivale	nt).
Que	stions	
	To meet this objective, the inspector must answer the following questions	:
5.	Are the following aspects of the Management Responsibility and Authority addressed for the Chief Inspector (or equivalent) position:	y Attributes
5.1	Is there a clearly identifiable person listed in the Certificate Holder's manual performing the duties and responsibilities of the Chief Inspector (or equivalent) position?	☐ Yes ☐ No, Explain Name/Title:
5.2	Is there a clearly identifiable person listed in the Certificate Holder's manual who has the authority of the Chief Inspector (or equivalent) position?	☐ Yes ☐ No, Explain Name/Title:
5.3	Are the Certificate Holder's procedures for delegation of authority for the Chief Inspector (or equivalent) clearly and completely documented?	☐ Yes ☐ No, Explain

SAI SECTION 5 – MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE -Drop Down Menu
1. Not documented.
Documentation unclear.
3. Documentation incomplete.
4. Other.